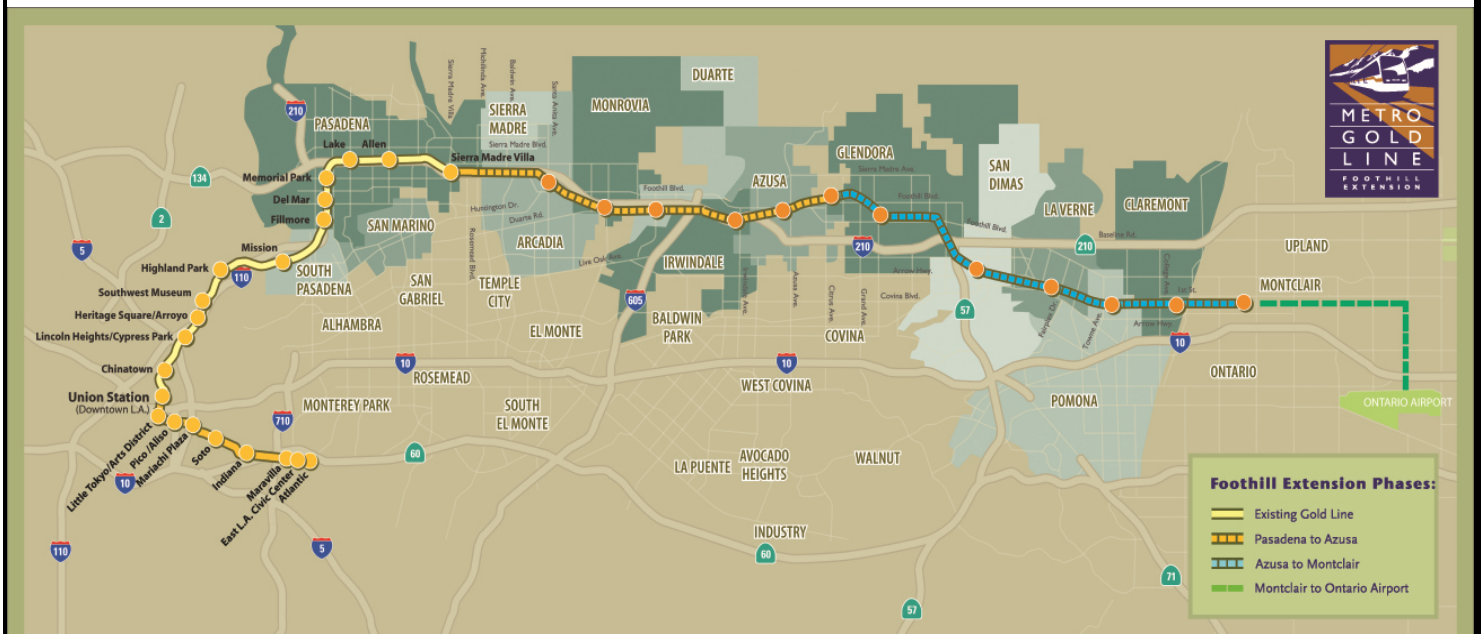


# Metro Gold Line Foothill Extension Project

## Monthly Project Status Report

April 2013



Metro Gold Line

Connecting Los Angeles, the San Gabriel Valley and Inland Empire



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**FOOTHILL EXTENSION PROJECT DESCRIPTION**

The Authority’s mandate is to plan, design and construct a 37-mile light rail link between Downtown Los Angeles and Claremont. In addition, the San Bernardino Associated Governments (SANBAG) has requested that planning be extended one mile inside San Bernardino County to the City of Montclair and then to Ontario Airport.

The Metro Gold Line Phase II (Foothill Extension) corridor includes the cities of Pasadena, Arcadia, Monrovia, Duarte, Irwindale, Azusa, Glendora, San Dimas, La Verne, Pomona, Claremont, and Montclair; and the counties of Los Angeles and San Bernardino (Figure 1). The Foothill Extension is estimated to cost approximately \$1.4 billion.

The Foothill Extension will be built in two segments to align effectively with projected cash flows and financial capacity constraints. The first segment is defined from the Sierra Madre Villa Station in Pasadena to the city of Azusa. Revenue service along this segment is planned for the year 2015. The second segment would include an extension from Azusa to the City of Montclair with revenue service projected for the year 2017 and the third segment will be comprised of an extension from Montclair to the Ontario Airport.

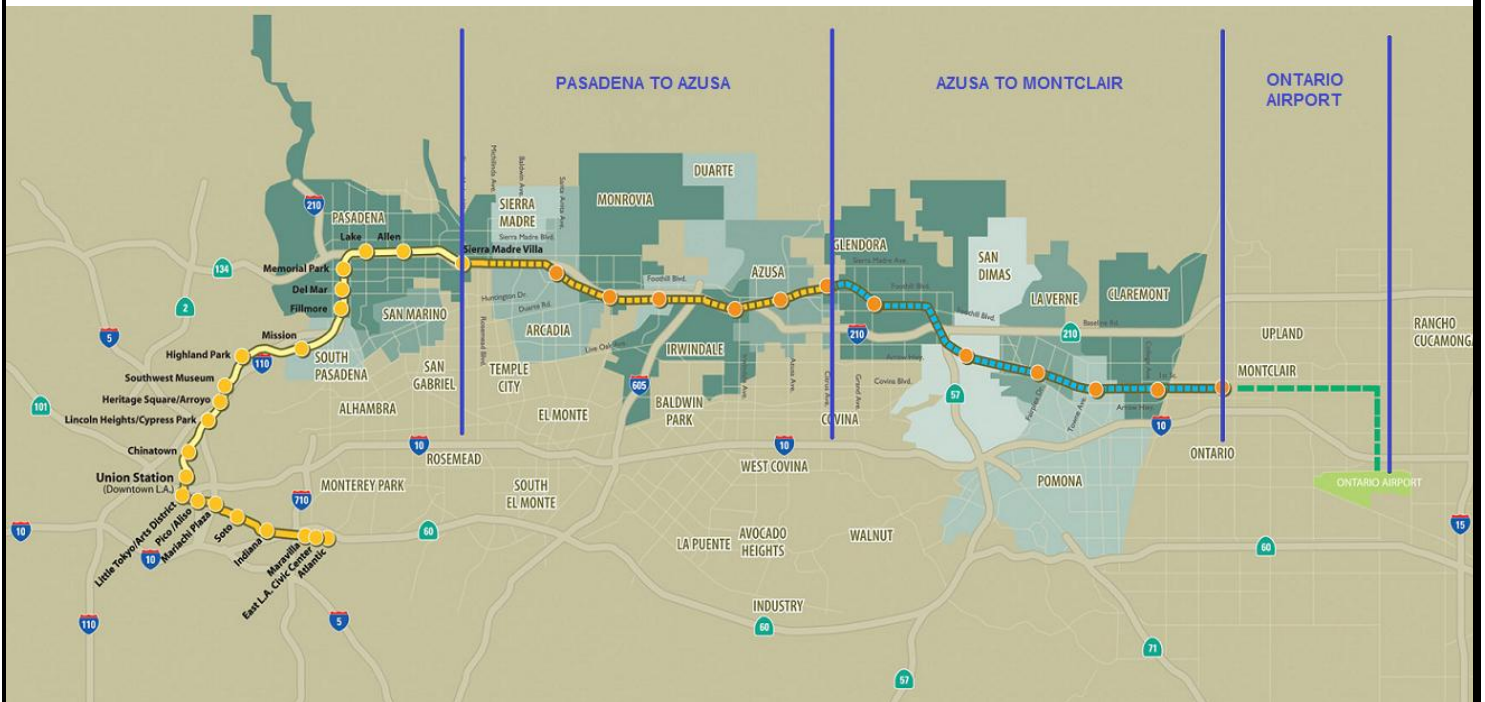


Figure 1: Metro Gold Line Foothill Extension Alignment



## **Pasadena to Azusa Segment**

### **MANAGEMENT ISSUES**

#### **Metro Betterments**

During the design process Metro staff have identified betterments that Metro staff would like to add to the project. Metro has provided a final disposition on all but a few items. Authority staff continues to work with Metro staff to resolve the remaining items.



### **KEY ACTIVITIES COMPLETED THIS PERIOD**

Staff continued to attend coordination meetings with cities along the alignment

Authority staff continues to meet with Metro staff to review and discuss the status of the Pasadena to Azusa segment

Held regular meetings with the C1135 (DB2) contractor, Foothill Transit Constructors (FTC) and participated in construction site visits and audits

FTC reports the following SBE statistics for the month of February:

- Current SBE commitment: \$ 62,124,028
- SBE percent committed versus value of Project: 12.79%
- Overall Authority Project SBE goal: 16%

FTC reports the following approximate safety statistics to date:

- 200,000 total work hours performed by FTC, Mass Electric, and Subcontractors
- 0 recordable injuries reported

80 of 82 AFC packages completed for C1135 project

Gold Line Bridge Contractor, Skanska, submitted As-Built drawings for review and approval to Caltrans

Continued trenching for site lighting, installation of conduit, slurry and backfill at the Gold Line Operations Campus

Continued installation of DBCS at the Gold Line Operations Campus

Received Caltrans approved SWPP and Encroachment Permit for Segment 1

Completed mass grading in Segment 1

Continued work at Citrus, Palm, Foothill, Colorado, San Gabriel River Bridge, Santa Anita Wash, and Saw Pit Wash, and began foundation work at Alta Vista Wash

Continued work at Duarte Station

Completed excavation work at Monrovia Station and began grounding grid installation

Continued construction of grade crossings at California Avenue and Dalton Avenue and began utility work at Mountain Avenue. Began work at the Azusa Avenue grade crossing.

Continued to hold design and coordination meetings with DB3 contractor, Webcor Builders, for the Intermodal Parking Facilities and Enhancements Contract 1150



### **KEY FUTURE ACTIVITIES**

Continue discussions with corridor cities regarding the project

Continue management of the Alignment contract, which will include evaluation of design and Project management submittals

Continue to meet with Intermodal Parking Facilities and Enhancements Project contractor, Webcor Builders regarding design of the Project

Continue to attend to any issues that may come up by the cities or other stakeholders along the alignment

Complete utility relocation and foundation work of new buildings at the Gold Line Operations Campus (GLOC)

Complete construction of the bridges at Citrus, Palm, Foothill, and Colorado

Complete mass grading in Segment 1

Begin Arcadia station

Complete construction of the Duarte station structural elements and finish duct bank work at Monrovia station

Finish work at Dalton Avenue and California grade crossings

Finalize the following property acquisitions:

- Arcadia:

1. Parcel 1305 (108 E. Santa Clara Ave) – Seller's counter offer to Board 5/22
2. Parcel 1307 (125 N. First Ave) – Offer expires 5/27
3. Parcel 6006 (333 N. Santa Anita Ave) – Agreement
4. Parcel 6008 (157 E. Huntington Dr) – Agreement
5. Parcel 6027 (2 La Porte St.) – In escrow
6. Parcel 6034 (125 E. Wheeler Ave) – Offer expires 5/27
7. Parcel 6038 (408 S. Santa Anita Ave) – Negotiating
8. Parcel 6039 (325 N. Santa Anita Ave) – Offer expires 5/27
9. Parcel 6040 (310 N. Santa Anita Ave) – Offer expires 5/27
10. Parcel 6043 (400 N. Santa Anita Ave) – Negotiating

- Monrovia:

1. Parcel 1702 (1527 S. Mayflower Ave.) – Set Just Compensation 5/22
2. Parcel 1802/6035 (1522 S. Mayflower Ave.) – Additional design review underway
3. Parcel 6045 (1703 S. Magnolia Ave.) – Offer expires 5/27
4. Parcel 1905 (1726 S. Myrtle Ave.) – Ready to close escrow

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013**



5. Parcel 1906 (145 W. Duarte R.) – Motion filed for pre-judgment possession
6. Parcel 21A23 (Shamrock Ave.) – Seeking quitclaim deed from Home Depot
7. Parcel 2101/6004 (1713 S. California Avenue) – Negotiating
8. Parcel 2102/6047 (200 E. Duarte Rd.) – Agreement. Seller reviewing Purchase & Sale Agreement
9. Parcel 2201 (1711 Mountain Ave.) – Revise Just Compensation 5/22
10. Parcel 2205 (Home Depot) –Negotiating
11. Parcel 6020 (1406 Radford St.) – In escrow
12. Parcel 6026 (1721 S. Magnolia Ave.) – Agreement. Signing papers 6/4
13. Parcel 6044 (S&F Huntington) – Agreement. Preparing purchase contract

- Duarte:

1. Parcel 2202 (904 Hamilton Rd.) – Resolution Hearing 5/22
2. Parcel 2403/6036 (Buena Vista Street) – Motion filed for pre-judgment possession
3. Parcel 2602 (Duarte Station Parking – 1700 Business Center Drive) – Motion filed for pre-judgment possession
4. Parcel 6031 (1716 Evergreen St.) –Seller signing PSA
5. Parcel 6041/6042 (1500 Duarte Rd) – Set Just Compensation 5/22

- Irwindale:

1. Parcel 3302 (Irwindale Station Parking) – Motion filed for pre-judgment possession

- Azusa:

1. Parcel 3902 (736 N. Angelo Avenue) – In Escrow

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013**



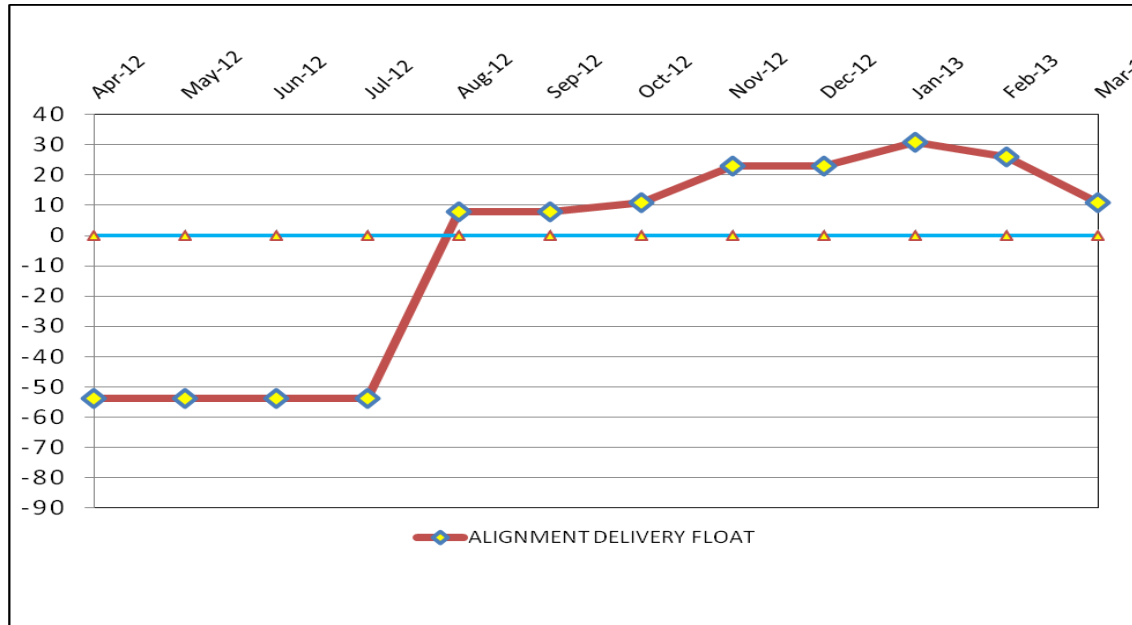
**CRITICAL PATH SCHEDULE**

Activity Name	OD	RD	AD	Start	Finish	Total Float	Timeline																
							2012			2013			2014				2015				2016		
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>REVENUE OPERATIONS DATE - CRITICAL PATH</b>																							
RFP - LRV PROCUREMENT	375	0	557	18.Oct.10 08:00 A	26.Apr.12 15:00 A		[Gantt bar: 18.Oct.10 to 26.Apr.12]																
LRV FABRICATION / DELIVER 15 VEHICLES	1353	1143	210	17.Aug.12 07:00 A	30.Apr.16 15:00	0	[Gantt bar: 17.Aug.12 to 30.Apr.16]																
METRO - Pre-Revenue Operations - Phase 2A	60	60	0	01.May.16 07:00	29.Jun.16 15:00	0	[Gantt bar: 01.May.16 to 29.Jun.16]																
METRO - Project Schedule Contingency (10 Mo.)	154	154	0	30.Jun.16 07:00	30.Nov.16 15:00	0	[Gantt bar: 30.Jun.16 to 30.Nov.16]																
Phase 2A - Revenue Operations Date (ROD)	0	0	0		30.Nov.16 15:00*	0	[Milestone diamond: 30.Nov.16]																
<b>ALIGNMENT DELIVERY DATE - CRITICAL PATH</b>																							
TRACK INSTALLATION - SEGMENT 4 (FRT)	220	220	7	06.Mar.13 07:00 A	21.Jan.14 15:00	8	[Gantt bar: 06.Mar.13 to 21.Jan.14]																
TRACK INSTALLATION - SEGMENT 3	90	90	0	03.Oct.13 07:00	05.Feb.14 15:00	8	[Gantt bar: 03.Oct.13 to 05.Feb.14]																
TRACK INSTALLATION - SEGMENT 2	65	65	0	23.Jan.14 07:00	23.Apr.14 15:00	8	[Gantt bar: 23.Jan.14 to 23.Apr.14]																
TRACK INSTALLATION - SEGMENT 1	75	75	0	03.Apr.14 07:00	16.Jul.14 15:00	8	[Gantt bar: 03.Apr.14 to 16.Jul.14]																
TRACK INSTALLATION - SEGMENT 4 (LRT)	100	100	0	01.May.14 07:00	17.Sep.14 15:00	8	[Gantt bar: 01.May.14 to 17.Sep.14]																
OCS - INSTALLATION - SEGMENT 4	150	150	0	30.Jul.14 07:00	24.Feb.15 15:00	8	[Gantt bar: 30.Jul.14 to 24.Feb.15]																
OCS - TESTING - SEGMENT 4	50	50	0	25.Feb.15 07:00	05.May.15 15:00	8	[Gantt bar: 25.Feb.15 to 05.May.15]																
SYSTEMS INTERGRATION TESTING	120	120	0	06.May.15 07:00	20.Oct.15 15:00	8	[Gantt bar: 06.May.15 to 20.Oct.15]																
C1135 - >>>SUBSTANTIAL COMPLETION - 1420 CD<<<	0	0	0		20.Oct.15 15:00*	11	[Milestone diamond: 20.Oct.15]																





**CRITICAL PATH FLOAT TREND**



**Critical Path Analysis**

**Revenue Operations Date Critical Path - (0 Calendar Days / 0 Work Days)**

The Metro Light Rail Vehicle (LRV) fabrication remains on the critical path this period. The delay issuing Notice to Proceed to the LRV manufacturer and changes to the anticipated delivery of the 15 vehicles have placed this work as a priority to achieve ROD. The critical path continues through Metro Pre-Revenue Operations, and schedule contingency (5 months). The Metro Revenue Operations Date is currently on schedule for November 30, 2016.

**Alignment Delivery Date Critical Path - (11 Calendar Days / 8 Work Days)**

This period FTC has mitigated a potential schedule delay to the Substantial Completion Milestone by re-sequencing the freight track installation. Last period, it was reported that the Foothill Freight Bridge girder fabrication presented potential access delay for track installation. However, FTC has indicated the access issue will be mitigated by re-sequencing the track installation between Foothill Bridge and San Gabriel River. The mitigation will call for utilization of the existing freight track to move track installation equipment past Foothill Bridge. FTC will return to finish the freight track installation after the new Foothill Freight Bridge is complete.

The critical path continues through light rail track installation, followed by Segment 4 OCS installation and testing. Systems Integration will begin after Segment 4 testing is complete. Upon the completion of Systems Integration testing, FTC will achieve Substantial Completion and turn-over to Metro for Pre-Revenue Testing.

**Project Float**

The project float for the Revenue Operations Date remains unchanged at 0 days. The critical activities on this path are on schedule to meet the Target Revenue Operations Date of November 2016. The Alignment Delivery Date float value slipped 15 days this period. The Alignment Delivery Date is currently 11 days ahead of the October 31, 2015 deadline.

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013**



**Description:** Iconic Freeway Structure

**Status:** April 15, 2013

**Contract No.:** C1134

**Contractor:** Skanska

**Progress Completed This Period:**

The Design-Build Contractor submitted the as-built drawings for review and approval by Caltrans.

**Areas of Concern:**

No concerns

**Schedule Assessment:**

The as-built drawings are under review by Caltrans. The operations & maintenance manuals will be submitted next period. Upon completion of these items, Final Acceptance will be granted.

**Cost Assessment:**

The current Contract cost forecast is unchanged from from last period. The forecast is at 19.80 million and within the authorized budget.

**Schedule Summary:**

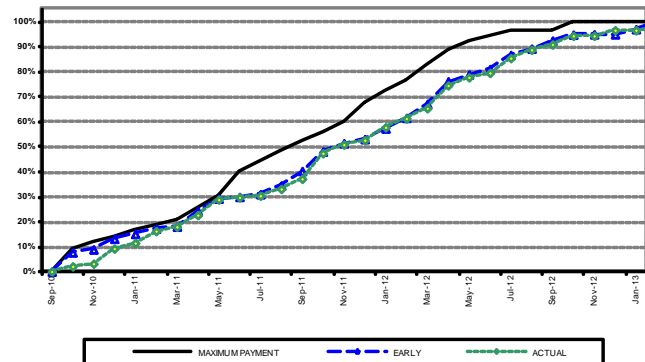
Contract Award:	06/18/10
Notice to Proceed (NTP) :	08/03/10
Original Contract Duration:	880 Calendar Days
Current Contract Duration:	945 Calendar Days
Elapsed Time from NTP:	986 Calendar Days

**Cost Summary:**

Million(s)

<b>CONTRACT</b>	
Contract Award Value:	18.57
Executed Change Orders:	1.23
Current Contract Value:	19.80
Potential Change Orders:	0.00
Current Forecast:	19.80
Earned Value/Actual Cost to Date	19.23
<b>AUTHORIZATION FOR EXPENDITURE</b>	
Budget	19.80
Commitment	19.80
Balance	0.00

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	07/03/12	11/29/12	11/29/2012 A	0
2	Punchlist Complete	10/01/12	12/05/12	2/4/2013 A	(61)
3	Final Acceptance	12/30/12	03/05/13	05/09/13	(65)





Change Management Log

Date: 5/15/2013

Page: 1 of 1

Project: C1134 IFS - Skanska Contract #: C1134

Original Contract Amount:	\$18,570,092				
Approved Change Orders:	\$1,228,939	6.62%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$19,799,031		Pending Contract Total:	\$19,799,031	6.62%

**Change Orders**

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
<b>EXECUTED Change Orders</b>							
001.00	001.00	Project Concept Advisor Services	2/15/2011	2/15/2011	0		\$0
002.00	002.00	Professional Liability Insurance	3/9/2011	3/9/2011	0		\$0
003.00	003.00	Sound Wall Requirement Changes	4/25/2011	4/25/2011	0		(\$38,552)
004.00	008.00	Deletion of Abutment 14	10/28/2011	10/28/2011	0		\$41,739
005.00	009.00	Additional Superstructure Arch Chng	12/14/2011	12/15/2011	1		\$122,259
006.00	010.00	Drainage System Location	12/22/2011	12/22/2011	0		\$5,617
007.00	011.00	Caltrans Requested Renderings	3/1/2012	3/2/2012	1		\$14,768
008.00	012.00	Time Extension	4/11/2012	4/13/2012	2	65	\$0
009.00	005.00	Aesthetic Lighting, Misc Extra Work	7/18/2012	7/19/2012	1		\$61,094
010.00	007.00	Architectural Features	9/5/2012	9/12/2012	7		\$18,494
011.00	013.00	Retaining Walls at IFS Approaches	9/18/2012	9/18/2012	0	84	\$732,762
012.00	015.00	Added Falsework Stripping Req'ts.	10/3/2012	10/4/2012	1		\$24,918
013.00	006.00	Landscape/Hardscape	10/12/2012	10/17/2012	5		\$79,967
014.00	016.00	Ceremony Prep and Misc. Added Work	2/15/2013	2/19/2013	4		\$160,464
015.00	017.00	Purchase Additional Light Fixtures	2/28/2013	2/28/2013	0		\$5,408
<b>Subtotal:</b>							\$1,228,939
<b>Subtotal:</b>							\$1,228,939
<b>Total:</b>							\$1,228,939

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY**  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013



**Description:** Alignment Design / Build

**Status:** April 15, 2013

**Contract No.:** C1135

**Contractor:** Foothill Transit Constructors (Kiewit-Parsons J.V.)

**Cost Summary:**

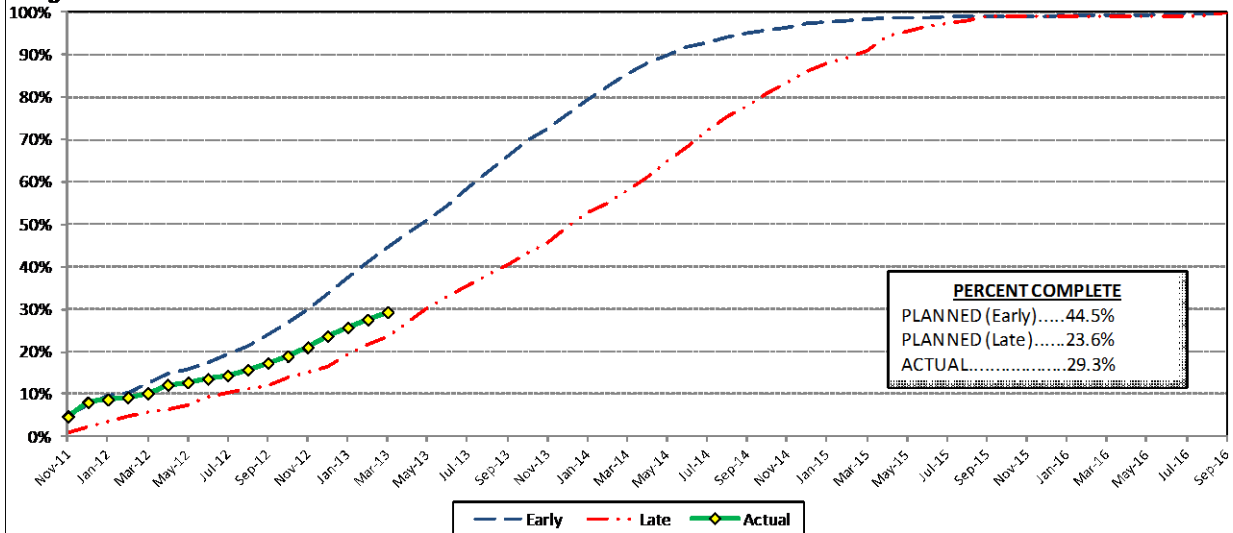
	Million(s)
<b>CONTRACT</b>	
Contract Award Value:	485.9
Executed Change Orders:	5.6
Current Contract Value:	491.4
Potential Change Orders:	1.7
Current Forecast:	493.1
Earned Value/Actual Cost	141.0
<b>AUTHORIZATION FOR EXPENDITURE</b>	
Budget	507.6
Commitment	503.6
Balance	10.5

**Cost Assessment:**

This period the Contract forecast increased \$0.2 Million. The potential additional costs are due to PCO - 012 - SCE Relocation Duarte Rd, PCO 031 - Rockvale Water Line Mitigation, and PCO 032 - Vosburg Waterline. Some of the costs were offset by decreases due to CO 026 - Block Type Change at M&O, CO 028 - Delete Layover Building, and PCO 034 - Delete Spring Frogs at Yard Leads.

The Design-Build Contractor has earned 141.0 Million and is currently 29.3% complete. The progress is currently 15.2% behind the schedule, which is due to fabrication and delivery progress for materials such as Special Track Work, M&O Equipment, and Bridge Girders.

**Progress Curve**



**Schedule Summary:**

Contract Award:	07/27/11
Interim Notice to Proceed (NTP):	11/03/11
Original Contract Duration:	1,780 Calendar Days
Current Contract Duration:	1,780 Calendar Days
Elapsed Time from NTP:	529 Calendar Days

**Contract Milestones**

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	09/23/15	09/23/15	10/20/15	(27)
2	Punchlist Complete	06/19/16	06/19/16	07/16/16	(27)
3	Final Completion	09/17/16	09/17/16	10/14/16	(27)
4	Access - IFS Br.	12/15/12	12/15/12	12/15/2012 A	0
5	Test Track Complete	03/27/15	03/27/15	04/17/15	(21)
6	Colorado Br. Demo Complete	02/01/12	02/01/12	6/15/2012 A	(135)

**Schedule Assessment:**

This period, the Foothill Freight Bridge re-emerged on the critical path due to steel girder shop drawing review and approval delays. The shop drawing impact has potentially delayed the fabrication and the completion of the Foothill Freight Bridge superstructure. The potential delay to the Foothill Freight Bridge will impact final freight track access from Foothill Bridge to the I-210 Bridge. The critical path continues through the completion of final section of the freight track re-alignment. The LRT track installation, Segment 4 OCS installation and testing, remain critical after the completion of the freight track re-alignment.

The Substantial Completion Milestone is twenty-seven (27) days behind schedule and is forecast to be complete on October 20, 2015.

The Test Track Completion is forecast to be available on April 17, 2015. The forecast completion date slipped this period due to the underground utility and ductbank progress.

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013**



**Description:** Alignment Design / Build

**Status:** April 15, 2013

**Contract No.:** C1135

**Contractor:** Foothill Transit Constructors (Kiewit-Parsons J.V.)

**Progress Completed This Period**

- Submit AFC Design - Grading & Drainage - Segment 3
- Submit AFC Design - Communications Mainline
- Submit AFC Design - Traffic Signal & Lighting Segment 2 & 3
- Submit 85% Design - Train Control Book of Plans (Zone 8)
- Submit 100% Design - Communications Book of Plans - M&O
- Submit 100% Design - Walls Segment 2

**Activities Planned Next Period**

- Submit AFC Design - Traction Power System - Mainline
- Submit AFC Design - Grading & Drainage - Segment 3 Pkg 4
- Submit AFC Design - Grading & Drainage - Segment 3 Pkg 5
- Submit AFC Design - Grading & Drainage - Segment 3 Pkg 2
- Submit AFC Design - Walls Segment 3 Package 1
- Submit AFC Design - Walls Segment 3 Package 2

**Areas of Concern**

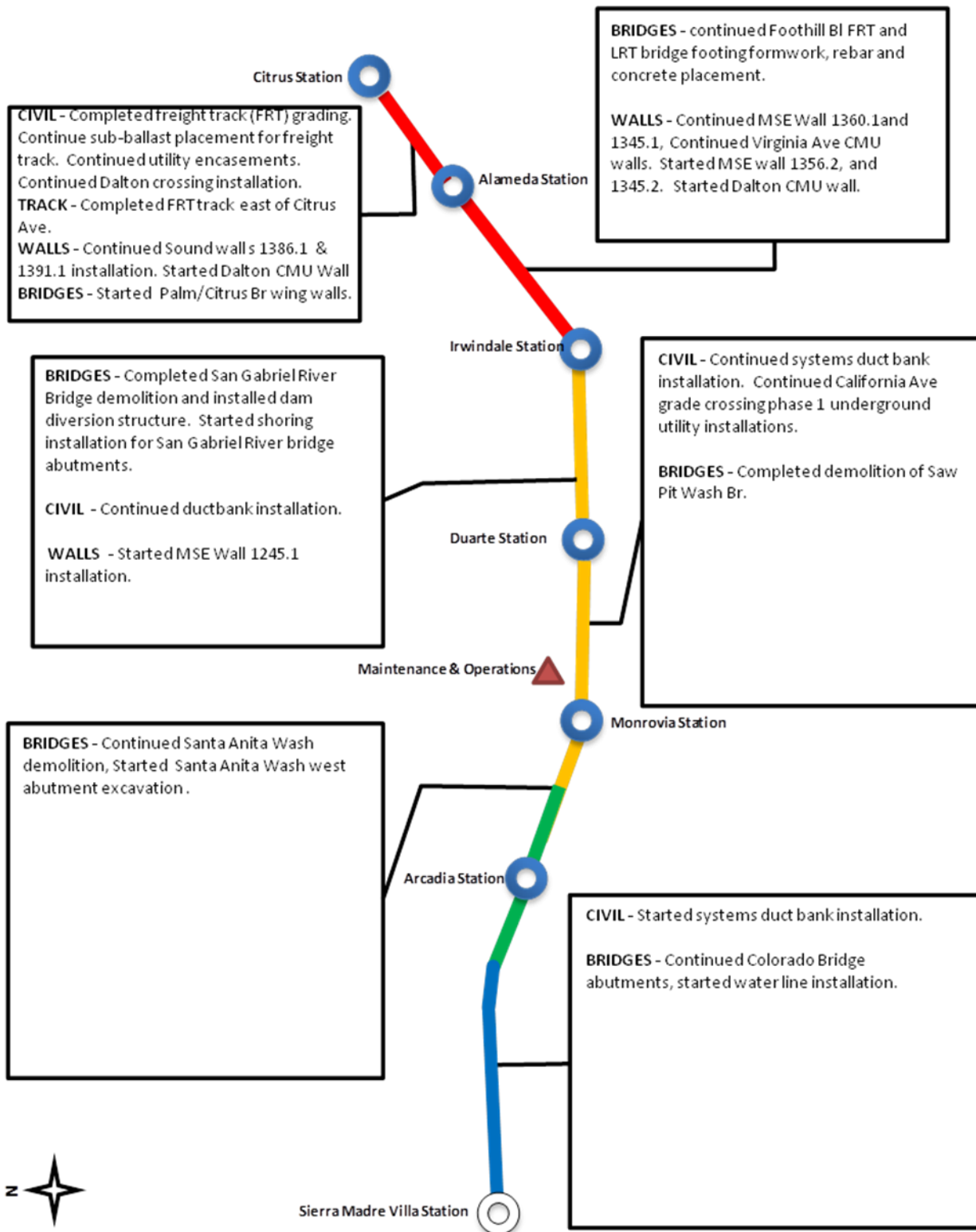
- **Crossing Planning & Communication.** The Design-Build Contractor needs an improved approach to planning grade crossing activities. Since last period, the Authority has witnessed an improvement. The Design-Build Contractor is providing specific work plans and holding pre-activity meetings prior to the start of construction installations to verify crossing work is ready to begin.

**Areas of Concern (Continued)**

- **Segment 3 Grade Crossing Property Acquisitions.** The Design-Build Contractor has been late delivering parcel legal descriptions in a timely manner. There is a potential schedule impact to the Segment 3 grade crossing construction and schedule if the parcel legal descriptions are not approved. The Authority will attempt to mitigate potential delays by obtaining Right-of-Entry from property owners prior completing negotiations.
- **Grade Crossing Schedule.** The Grade crossing durations and schedules are slipping due to productivity. The Authority is working with the Design-Build Contractor to plan grade crossing activities and complete the work within the constraints established by Cities. The Design-Build Contractor has completed a re-evaluation of the grade crossing sequence and will begin implementation into the CPM schedule next period.

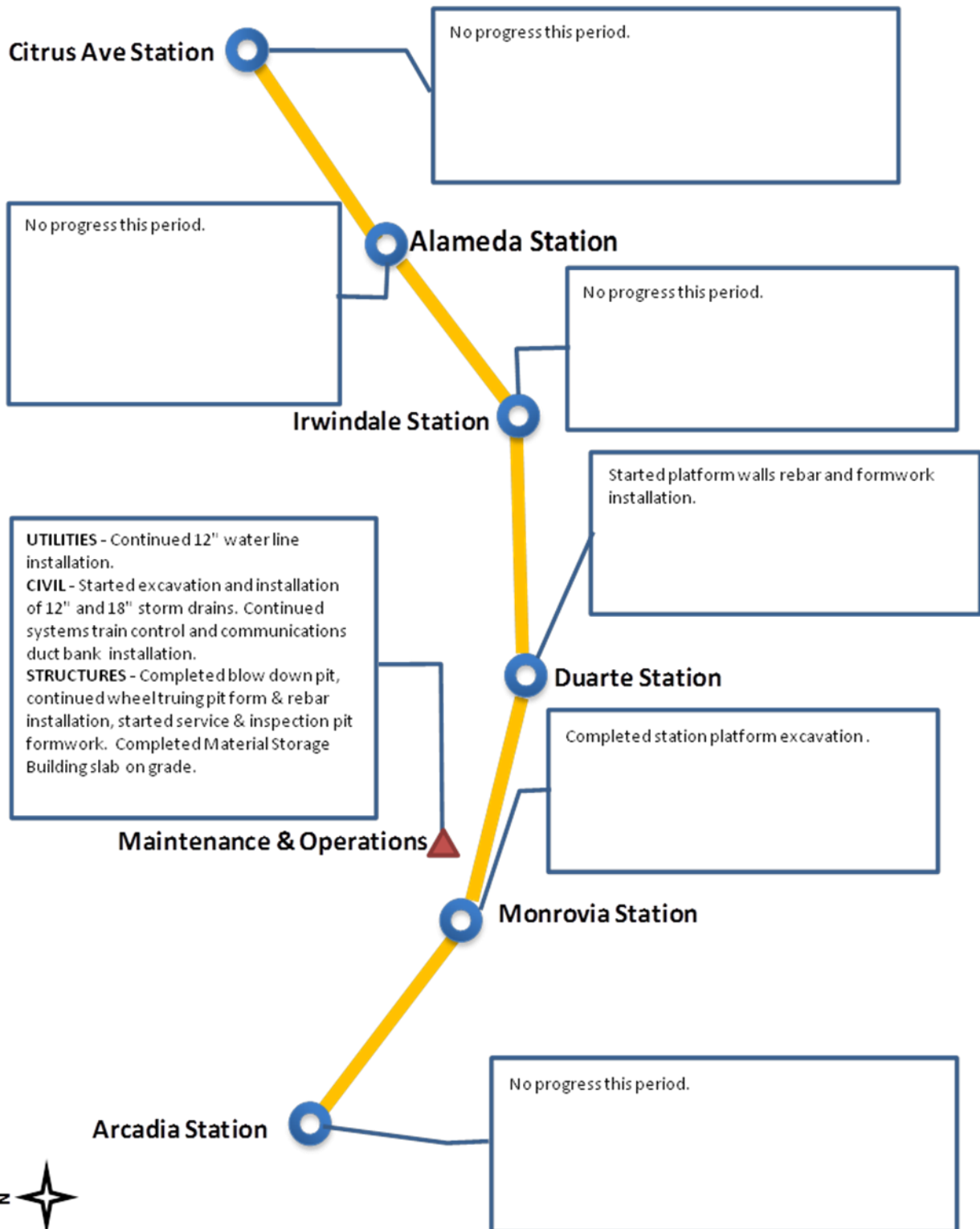


**ALIGNMENT CONSTRUCTION PROGRESS THIS PERIOD**



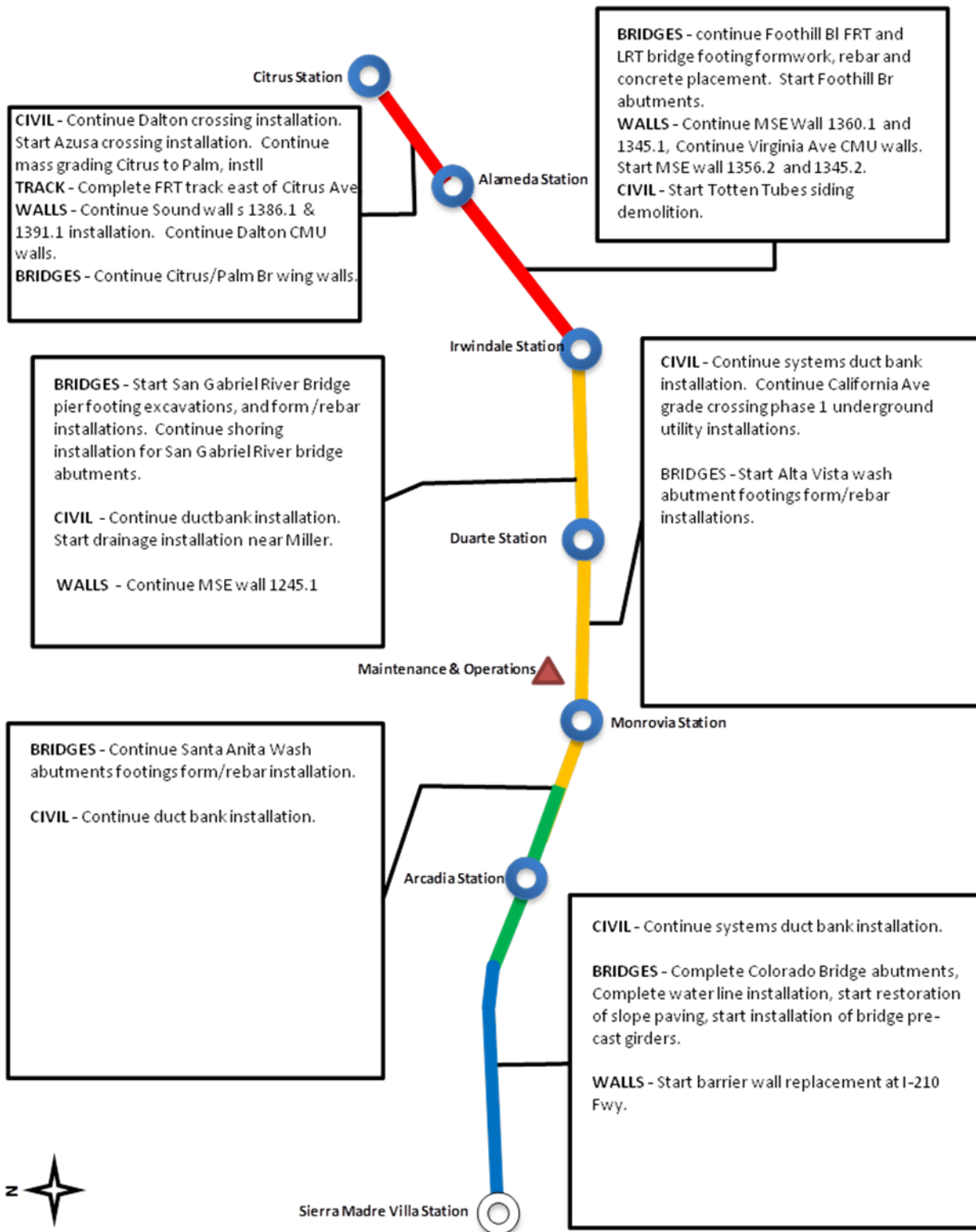


**FACILITY CONSTRUCTION PROGRESS THIS PERIOD**





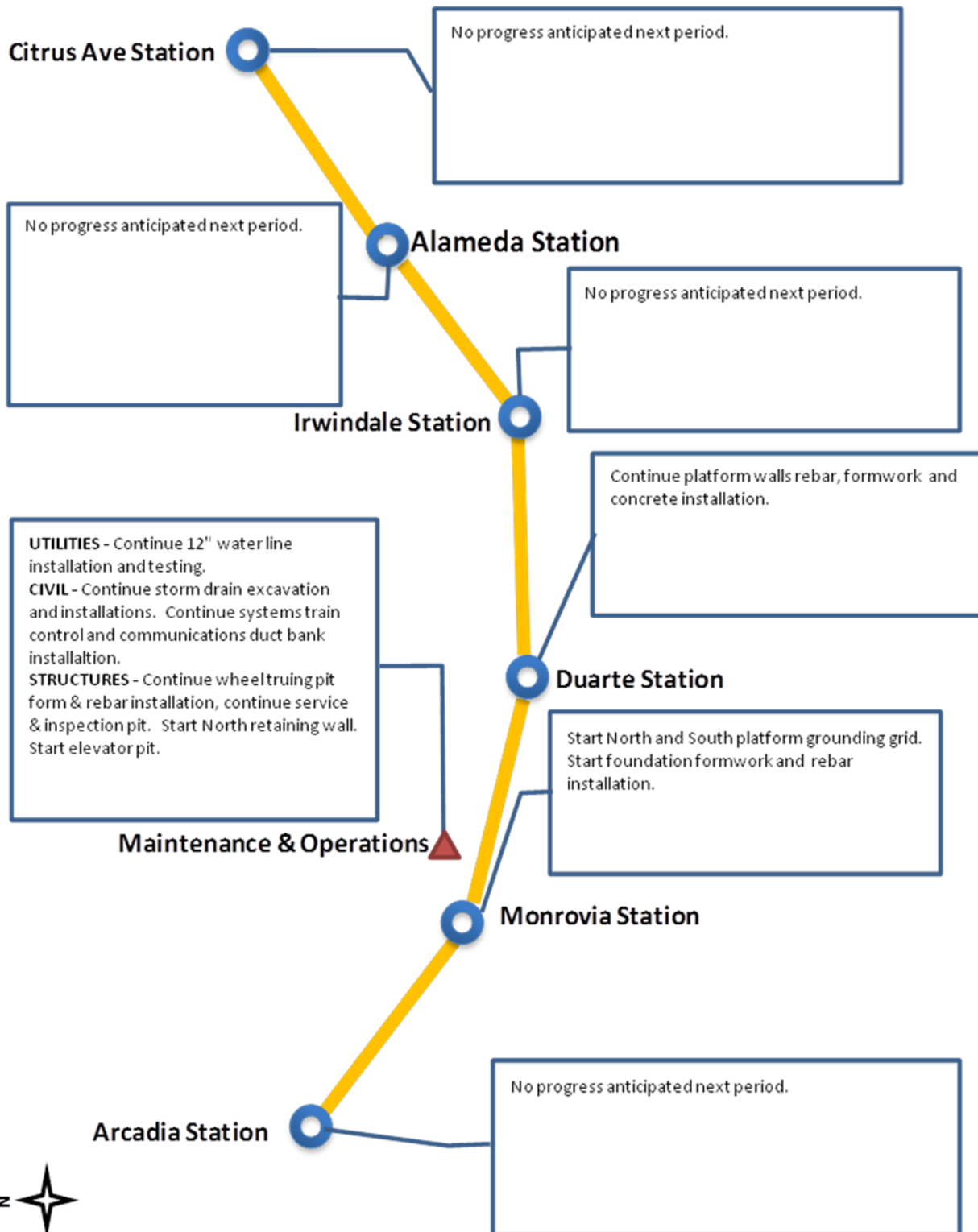
**ALIGNMENT CONSTRUCTION PROGRESS NEXT PERIOD**







**FACILITY CONSTRUCTION PROGRESS NEXT PERIOD**



Alignment Construction Images

Gold Line Operations Campus



Colorado bridge

Azusa-Citrus bridge





Change Management Log

Date: 5/15/2013

Page: 1 of 2

Project: C1135 Alignment - FTC Contract #: C1135

Original Contract Amount:	\$485,867,000				
Approved Change Orders:	\$5,894,124	1.21%	Pending Change Orders:	\$121,340	0.02%
Current Contract Total:	\$491,761,124		Pending Contract Total:	\$491,882,464	1.24%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
<b>EXECUTED Change Orders</b>							
001.00	000.00	Interim NTP	11/3/2011	11/3/2011	0		\$0
002.00	013.00	Colorado Bridge Haz Mat	5/17/2012	5/18/2012	1		\$121,382
002.01	013.01	Colorado Bridge HazMat - Final	9/5/2012	9/7/2012	2		\$13,164
003.00	001.00	Sound Wall Deletion - Duarte Road	7/12/2012	7/18/2012	6		(\$74,707)
004.00	018.00	Revise Block Design - CBD Calc	8/23/2012	8/29/2012	6		\$3,986
005.00	023.00	Wayside Signal Aspect Revision	9/6/2012	9/7/2012	1		\$26,072
006.00	040.00	Arcadia Frieze, Bench-Artist Design	9/6/2012	9/10/2012	4		\$13,683
006.01	040.01	Arcadia Frieze, Bench-Construction	3/7/2013	3/12/2013	5		\$155,894
007.00	019.02	Soils Testing Abutments & Fdns	9/14/2012	9/18/2012	4		\$44,993
008.00	041.00	Unknown Utilities RFCN 005 006 008	9/14/2012	9/18/2012	4		\$132,450
009.00	038.00	Illuminate City Names @ Stations	9/18/2012	9/24/2012	6		\$184,657
010.00	046.00	SGRB - Lead Based Paint Remediation	9/21/2012	9/24/2012	3		\$244,536
011.00	004.00	Station Architectural Changes	10/11/2012	10/12/2012	1		\$443,950
012.00	003.01	Systems and Testing for Added TPSS	12/13/2012	12/14/2012	1		\$1,443,193
013.00	005.02	IDIQ Comm Contract (Rev 2)	12/14/2012	1/22/2013	39		\$698,259
014.00	060.00	Sewer Encasement Changes in Azusa	12/18/2012	1/24/2013	37		\$141,354
015.00	037.02	M&O - Materials Storage Revisions	12/26/2012	1/15/2013	20		\$62,862
016.00	002.00	Relocation of Access Road to 3M Fac	12/26/2012	1/16/2013	21		\$53,814
017.00	025.00	3 Electrical Casings for ALW	2/27/2013	3/1/2013	2		\$219,033
018.00	073.00	Hazardous Abatement at Bridges	1/15/2013	2/6/2013	22		\$1,081,803
019.00	054.00	City of Hope Conduits	1/11/2013	1/22/2013	11		\$34,313
020.00	059.00	Citrus TPSS Transformer Pad Changes	2/6/2013	2/7/2013	1		\$34,536
021.00	075.00	Demo & Replace Palm Dr. Roadway	2/7/2013	2/14/2013	7		\$90,365
022.00	077.00	M&O Differing Site Conditions; Pt 1	2/13/2013	2/15/2013	2		\$66,360
022.01	093.00	M and O DSC T and M Work Part 2	3/8/2013	3/12/2013	4		\$66,625
022.02	103.00	M and O DSC Part 3	3/27/2013	3/28/2013	1		\$35,211
022.03	115.00	DSC at M and O Part 4	5/3/2013	5/7/2013	4		\$5,706
023.00	089.00	Contaminated Soil Abatement	2/26/2013	2/27/2013	1		\$422,068
024.00	068.00	Monrovia Sound Wall Panel Change	2/26/2013	2/28/2013	2		(\$24,150)
025.00	052.00	Santa Anita Trail Detour	3/8/2013	3/12/2013	4		\$27,691
026.00	070.00	Block Type Change at M&O Building	3/26/2013	3/26/2013	0		\$35,016
027.00	065.00	M&O IT Changes-Duct Banks/Conduits	3/26/2013	3/26/2013	0		\$88,650
028.00	039.01	Delete Layover Building	4/11/2013	4/12/2013	1		(\$313,832)
029.00	095.00	8in Sanitary Sewer Line- Alameda Av	4/23/2013	4/25/2013	2		\$226,089
030.00	102.00	M&O-Disconnect Switches, Insulators	4/23/2013	4/25/2013	2		\$67,817
031.00	110.00	Rmv Abandoned Utility Line @ Dalton	4/23/2013	4/25/2013	2		\$1,562
032.00	104.00	Highland Ave Abandoned CMP sleeves	5/1/2013	5/3/2013	2		\$15,005
033.00	114.00	Remove contaminated wood culvert	5/3/2013	5/7/2013	4		\$4,714
<b>Subtotal:</b>							\$5,894,124

Subtotal: \$5,894,124

Subtotal: \$5,894,124



Change Management Log

Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
<b>PENDING Change Orders</b>							
034.00	128.00	M&O Backup Power/Generator Changes	5/13/2013		2		\$121,340
						<b>Subtotal:</b>	\$121,340
						<b>Subtotal:</b>	\$121,340
						<b>Total:</b>	\$6,015,464

Open PCOs

PCO Number	Title
<b>OPEN</b>	
006.00	IFS Related Scope Modifications
007.01	Emer. Backup for Guideway Lighting
018.00	Totten Tubes Credit
020.00	Landscaping-North side of Duarte Rd
022.01	M&O IT Changes - remaining work
023.00	Station Lighting and Pavers Change
026.00	Duarte Rd Screen Wall Change
027.00	M&O Facility and 3M Fencing Changes
028.00	M&O Vehicle Sanding System Changes
029.00	Del. Irwindale/Gladstone Mitigation
030.00	M&O Drainage System Enhancements
031.00	Rockvale Water Line Mitigation
032.00	Vosburg Water Line Betterments

Open RFCs

RFC Number	Title
<b>OPEN</b>	
013.00	12" Pasadena Waterline

Open RFC Notices

Number	Title
011	TPSS 05 Property Acquisition
020	20-in Vosburg Water Line Betterment
022.00	M and O Signaling and Train Control
023	Relocate 6-in Water Line at Foothil
032.00	DSC Hazardous Material Segment 1 St
034.00	Rmvl Contaminated Wood Matl Sta1202
035.00	NCL Costs for PSA Artwork Elements
037	DSC at Santa Anita Wash Abutment 1
038	Potential Haz Matl at Mountain Ave

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY**  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013



**Description:** Intermodal Parking Facilities & Enhancements **Status:** April 15, 2013

**Contract No.:** C1150

**Contractor:** Webcor Builders

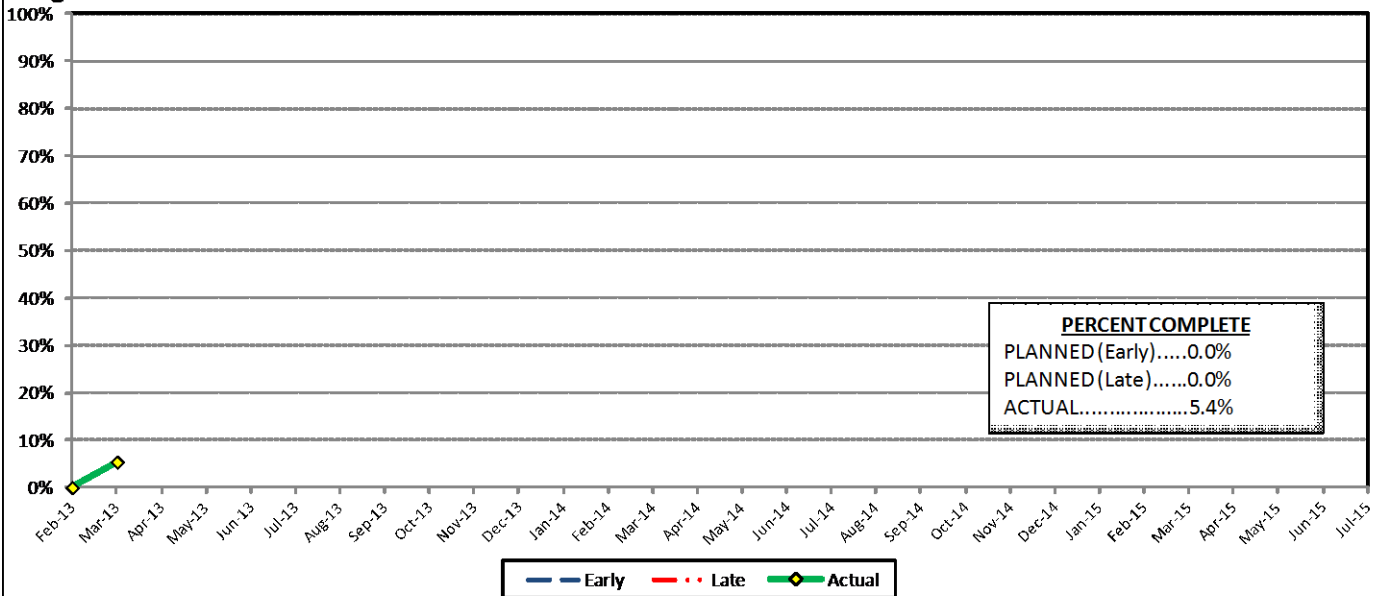
**Cost Summary:**

	Million(s)
<b>CONTRACT</b>	
Contract Award Value:	48.8
Executed Change Orders:	0.0
Current Contract Value:	48.8
Potential Change Orders:	0.0
Current Forecast:	48.8
Earned Value/Actual Cost	0.0
<b>AUTHORIZATION FOR EXPENDITURE</b>	
Budget	50.3
Commitment	48.8
Balance	0.0

**Cost Assessment:**

The current cost forecast is 48.8 Million. The forecast is within the authorized budget. No potential change orders were identified this period.

**Progress Curve**



**Schedule Summary:**

Contract Award:	02/27/13
Interim Notice to Proceed (NTP) :	03/20/13
Original Contract Duration:	845 Calendar Days
Current Contract Duration:	845 Calendar Days
Elapsed Time from NTP:	26 Calendar Days

**Contract Milestones**

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	03/15/15	03/15/15	03/15/15	0
2	Punchlist Complete	05/29/15	05/29/15	05/29/15	0
3	Final Completion	07/13/15	07/13/15	07/13/15	0
4	TPSS Work	03/01/14	03/01/14	03/01/14	0

**Schedule Assessment:**

The Design-Build Contractor was issued Notice to Proceed (NTP) on March 20, 2013. Although the baseline schedule has not been submitted, it appears the Irwindale parking facility will be the critical design complete in order to complete the construction of the facility and meet the Substantial Completion dead line requirement. Over the next period, the Design-Build Contractor will be advance the 60% designs, and prepare the design QA/QC Plan.

The baseline schedule will be submitted for review and approval next period. Upon approval, the critical path and planned progress curves will be established and later used to analyze the Design-Build Contractor's progress.

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013**



**Description:** Intermodal Parking Facilities & Enhancements **Status:** April 15, 2013

**Contract No.:** C1150

**Contractor:** Webcor Builders

**Progress Completed This Period**

- Notice To Proceed. The Design-Build Contractor was issued NTP on March 20, 2013.
- Design Kick-Off. The Design-Build Contractor initiated design kick-off meetings with the City of Arcadia, City of Monrovia, City of Irwindale, and the City of Azusa. In addition, meetings local utilities Southern California Edison, Time Warner Cable, and Champion Cable were held to begin the utility relocation coordination effort.

**Activities Planned Next Period**

- Submit Baseline Schedule
- Submit Third Party Coordination Plan
- Submit Master List of Submittals
- Submit QA/QC Plan - Part 1

**Areas of Concern**

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**Areas of Concern (Continued)**

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Change Management Log

Date: 5/15/2013

Page: 1 of 1

Project: C1150 Parking - Webcor Contract #: C1150

Original Contract Amount:	\$48,750,000				
Approved Change Orders:	\$0	0.00%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$48,750,000		Pending Contract Total:	\$48,750,000	0.00%

Open PCOs

PCO Number	Title
OPEN	
001.00	Monrovia Parking Alternative Layout
002.00	Relocate Elevator at Azusa-Citrus
003.00	Clock Tower Procurement
004.00	TPSS Grounding Grid Modifications



## **Azusa to Montclair Segment**

### **ACTIVITIES COMPLETED THIS PERIOD**

Authority Board certified the EIR for the Azusa to Montclair segment on March 6, 2013. Following certification, staff filed the Notice of Determination (NOD) with both counties (Los Angeles and San Bernardino). This filing started a 30-day statute of limitations to court challenges to the approval of the project. The City of Pomona has filed a challenge. Authority staff is working with legal counsel to review this challenge and prepare a response accordingly.

### **KEY FUTURE ACTIVITIES**

Authority staff continues work with legal counsel to review the challenge and provide the necessary defense.

### **Federal Transit Administration (FTA)**

The Metro Board of Directors excluded the Gold Line from seeking federal New Starts funding. The Authority will work together with Metro along with the Congressional delegation to seek funding to construct the extension following completion of the environmental review.





## **Ontario Airport Segment**

Authority staff continues the negotiation process with KOA Corporation for the Ontario Airport segment alternatives analysis study which will likely begin later this year.

### **ACTIVITIES COMPLETED THIS PERIOD**

Staff continued to pursue the needed funding to conduct the Alternatives Analysis for the Ontario Airport Segment. The San Bernardino Associated Governments (SANBAG) and the Authority are in discussions to develop a funding agreement for a portion of the initial Alternatives Analysis study.

### **KEY FUTURE ACTIVITIES**

Authority staff will work to obtain funding for this Segment and complete negotiations with KOA.

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – April 30, 2013**



**PHASE II FOOTHILL EXTENSION FINANCIAL STATUS  
Project Operating Budget Summary in Millions of Dollars  
April 30, 2013**

	( a )	( b )	(c=a-b)	( d )
<b>FINANCIAL PLAN</b>	<b>Current Budget</b>	<b>Funding Committed to Project</b>	<b>Uncommitted Funds</b>	<b>Revenues Received</b>
SCAG	1.0	0.9	0.1	0.9
Interest Income	2.0	2.0	-	2.0
Bridge Replacement	13.9	13.9	-	13.9
Phase I Carryover	4.0	4.0	-	4.0
Maintenance and Operations Facility	-	-	-	-
Cities	11.0	-	11.0	-
Measure R - Pasadena to Azusa	810.5	741.0	69.5	209.2
Measure R - Azusa to Montclair	-	-	-	-
SANBAG	55.2	1.5	53.7	1.5
Federal TCSP	2.9	2.9	-	2.3
Federal Bus Intermodal Plan	9.0	9.0	-	2.3
Federal New Starts 2004 MTA Passthrough	4.0	4.0	-	4.0
Federal New Starts 2005 MTA Passthrough	0.5	0.5	-	0.5
Federal New Starts 2006 Corridor Study	2.5	2.5	-	2.2
Federal/Other	802.5	-	802.5	-
<b>Total Revenues</b>	<b>1,719.0</b>	<b>782.2</b>	<b>936.8</b>	<b>242.8</b>
	( a )	( b )	( c )	(d=a-b)
	<b>Current Budget</b>	<b>Current Obligation</b>	<b>Current Expenditures</b>	<b>Current Available Balance</b>
<b>EXPENSES</b>				
Program Management and Administration	107.9	55.0	53.1	52.9
Master Cooperative Agreements	12.0	2.8	2.3	9.2
Real Estate including ROW Acq	21.0	12.1	12.1	8.9
Special Programs	0.3	-	-	0.3
Procurement/Vehicles	60.0	-	-	60.0
Maintenance and Operations Facility Land	22.0	22.0	22.0	-
Construction - IFS	19.8	19.8	19.2	-
Construction - Pasadena to Azusa segment	328.9	314.8	102.1	14.1
Construction - Azusa to Montclair segment	950.0	-	-	950.0
Construction - M&O	46.0	44.0	9.7	2.0
Construction - Parking Structures	44.2	44.2	-	-
MTA Project Costs	64.0	16.0	13.2	48.0
Contingency	27.4	-	-	27.4
Project Reserve	15.5	-	-	15.5
<b>Total Project</b>	<b>1,719.0</b>	<b>530.7</b>	<b>233.7</b>	<b>1,188.3</b>